



APM CO., LTD

APG-2409CP

Directional Panel Antenna for 2.4 ~2.5 GHz

Electrical Specification:

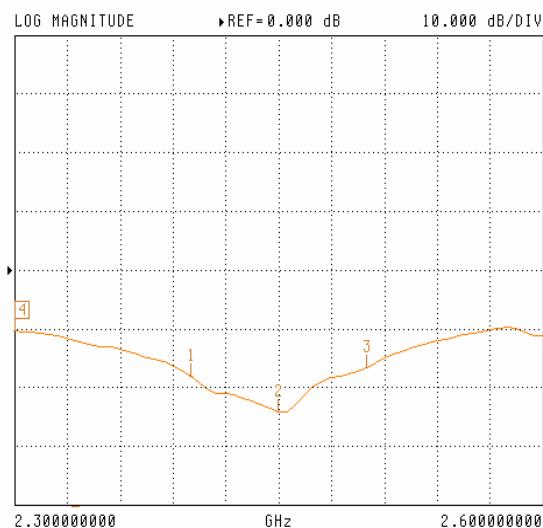
Frequency	2.4 ~ 2.5 GHz
Part Number	APG-2409CP
Polarizatin	CP
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5\Omega$
Gain	9 dBi
Power handling	10W Max
Front to back ratio	20dB
HPBW / horizontal	70°
HPBW / vertical	70°

MECHANICAL SPECIFICATION

Connector Tyep	N Type Female
Length	φ130x50mm
Weight	200g
Radome color	White
Radome material	PVC and ABS



S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
2.300000000 GHz
-10.331 dB

► MARKER TO MAX
MARKER TO MIN

- 1 2.400000000 GHz -18.183 dB
- 2 2.450000000 GHz -24.285 dB
- 3 2.500000000 GHz -16.557 dB

MARKER READOUT
FUNCTIONS

CH 1 - S11
REFERENCE PLANE
0.0000 mm

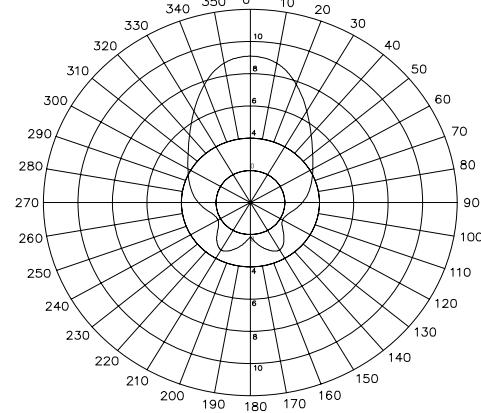
MARKER 4
2.300000000 GHz
1.879 U

► MARKER TO MAX
MARKER TO MIN

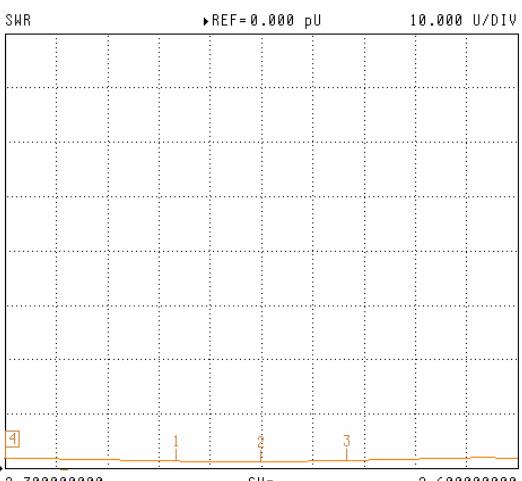
- 1 2.400000000 GHz 1.282 U
- 2 2.450000000 GHz 1.131 U
- 3 2.500000000 GHz 1.348 U

MARKER READOUT
FUNCTIONS

H-PLANE FIELD PATTERNS



S11 FORWARD REFLECTION



E-PLANE FIELD PATTERNS

